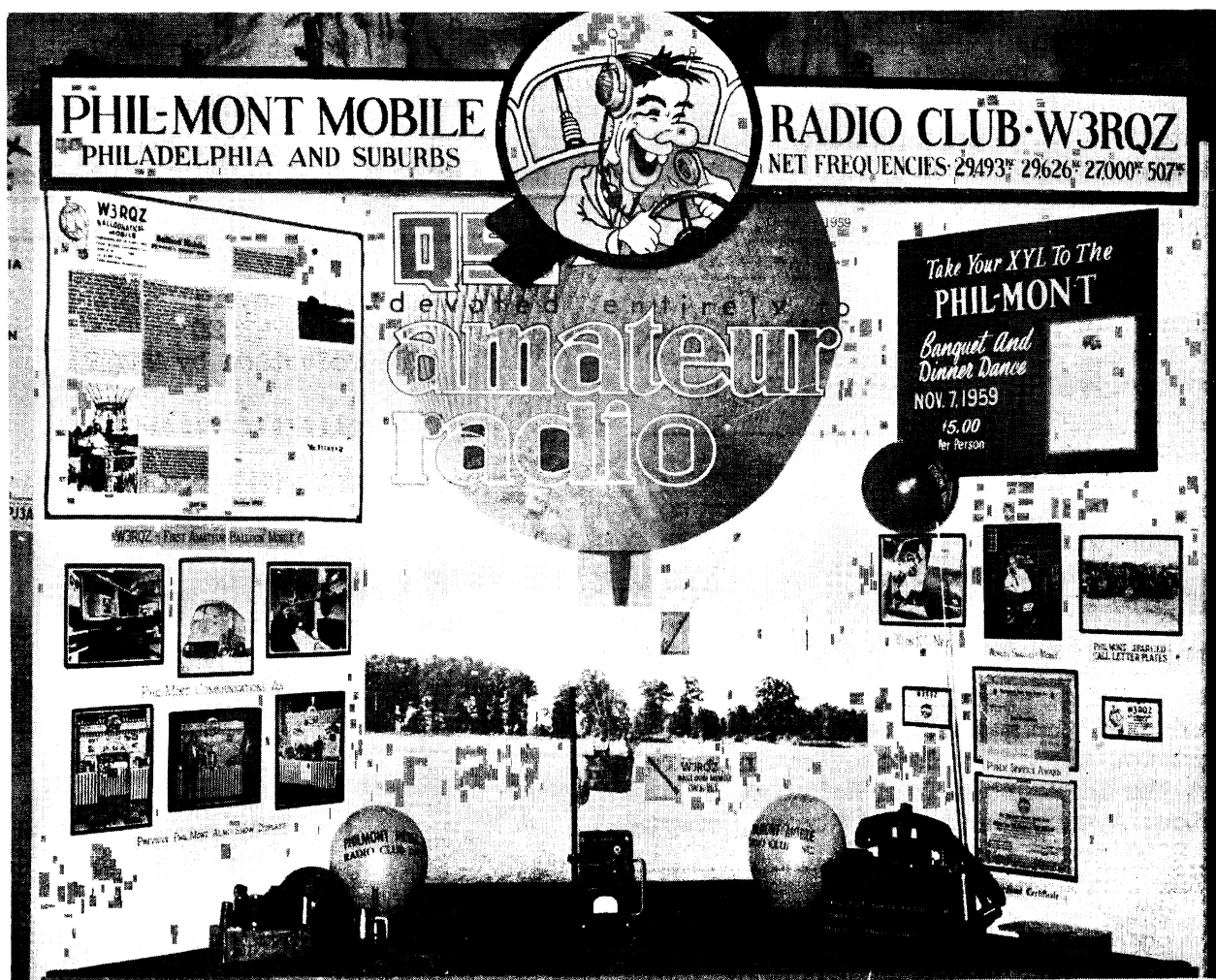




THE BLURB

PHILMONT MOBILE RADIO CLUB INC.

Dec.
1959



PHIL - MONT EXHIBIT AT 1959

ALMO SHOW

THE
BLUE

Published Monthly by the
Phil-Mont Mobile Radio Club, Inc.

VOL 9 December 1959 No. 12

EDITOR

Robert G. Thomas W3QZQ HI 6-7330
--1712 Bellmead Avenue, Havertown, Pa.

STAFF

Publisher W3WNC
Cartoonist W3YEV
Technical Editor W3DOU
Typist K3JQC
New Members Chairman W3CDY

CIRCULATION AND PRINTING

Superintendent W3COW
Boss Sticher W3JIL
Printer-----W3WNC...Kibitzer- W3IW
Aides...W3's NIP, GGP, DOU, K3DJE

The "Blurb" is published by and for the members of Phil-Mont to further the interest of Amateur Radio in general, and Mobile Radio in particular. We endeavor to keep news accurate, interesting, and in a small way, educational. Any deviation from this is unintentional. Copying and quoting is permitted, provided credit lines are included. Commercial use is not permitted and subscriptions are gladly exchanged with other radio clubs.

DEADLINES

The "Blurb" is mailed on the last Thursday of the month. All material for the "Blurb" must be received by the Editor, QZQ, before the fifteenth of the month.

1959 CLUB OFFICERS

PRES. John Tinaglia W3AWH
V. Pres. H. Paul Bohlander W3VVS
Sec'y Burton D. Baylis W3IVD
TREAS. Robert M. Lechman W3OEC
Brd. of Dir: W3's NIP, PKY, QQH, QZQ, YJM
and all 1959 Club officers

MEETINGS

Regular meetings are normally held on the 1st Monday of the month. Check the Calendar at right for the exact date. Meetings are held at the Germantown Town Hall, at Germantown Avenue and Haines Street, starting at 2000 hours (8:00 PM)

NET & NET FREQUENCIES

Ch 1 - 29493 kcs Ch3 - Unassigned
Ch2 - 29626 kcs Ch4 - 50.7 mcs.
Scrambled egg net, Weekdays, 0730-0830
Ten on Ten, Sundays 1000-1100
Blarney Sessions, Anytime, Ch 1 or 2
29493 is monitored daily 0830-2400
for the benefit of mobiles in Phila area

PMRC CALENDAR OF EVENTS

December 7 Regular Meeting 8 PM
Election of 1960 Officers
Films on Vietnam-W3DEJ

December 16 Midmonth Meeting
W3NIP QTH

January 4 Regular Meeting

April 16 Washington MRC Luau

The Editor regrets that because he had never followed any routine maintenance measures with his car generator, it took the occasion of the November meeting to let him know the brushes required replacement. Since the report of the meeting which was promised, never materialized, there can be no report here of what happened or who was there.

This month's cover:

Photo by W3QZQ

Reproduction by W3YHV

.....

ADDRESS ALL ITEMS FOR THE BLURB TO THE
EDITOR, W3QZQ

FROM THE PRESIDENT

Traditionally now is the time to review this year's activities and to single out those members who were responsible for whatever success we have had. Looking back, our goal was "to make this year the best Phil-Mont has ever had." It's been a good year, and for me personally, the best year in Phil-Mont because I've had more fun this year than any other, but whether it's been Phil-Mont's best, only time will tell.

We started without a net control, without an editor of the Blurbs and with something new, A Board of Directors and a set of By-laws. The net under SAA and YJM has become well organized and we are averaging more check-ins than ever before. The Blurbs under QZ0 has become a club paper of which we all can be proud. A new fiscal policy was established under OEC from which the club should derive great benefit in future years because now we can set up an annual budget with dues received at the beginning of the year. Without NIP, YJM, and DJE, the International House project in April would not have been the success that it was. To VIN we owe our thanks for a new and different Field Day concept. JIL has our admiration and gratitude for making Phil-Mont famous by his balloon flight. YJM and IGW planned a wonderful clambake for us. Two stag dinners, a Mid-way picnic at Hayte de Gras, two banquets, two auctions, 10-on-10 round up, etc. for these we owe our thanks to many. Our club is not only bigger now (twelve new members this year) but stronger. We are 105 strong now but the nucleus of almost 20 do the planning and most of the work. You know who they are. I won't name them all but I would like to especially thank on behalf of Phil-Mont-QQH, YJM, WNC, ZPP KNC, DSG, OWK, CDY, NIP, UMK, VCE, DOU. To many others we owe credit. But I can't omit AWG and LEM who were responsible for our refreshments at each meeting and who help clean the hall after each meeting.

One final word - to me Phil-Mont is not just a club. Phil-Mont is more like a brotherhood. Many of us feel this way. I hope you are one of them.

73 de W3AWH

ELECTION OF 1960 OFFICERS

The December regular meeting will have as its main topic the election of officers who will serve in 1960. The nominees are listed below. W3NIP has been appointed Judge of Elections. There will be no write-in votes allowed, since it is felt that there is full opportunity before the election to nominate eligible candidates. Voting will be by as many ballots as necessary until one candidate gets a majority of votes from those present. As voting progresses, the candidates for each office who receive the least number of votes will be dropped from succeeding ballots. If you are unable to attend, but wish to vote, you may designate an alternate, in which case you must supply a letter so stating. Arrangements as to how the alternate is to vote are to be strictly between you and the person you select to cast your proxy vote.

PRESIDENT

W3CDY
W3PKY
W3WNC

SECRETARY

W3GOW
W3IVD
W3KNC
W3SAI

TREASURER

W3LEM
W3OWK
W3VCE
W3ZPP

DIRECTOR

W3DOU
W3DSG
W3QZ0
W3VXN
W3YHV

.....

DUES ARE DUE: DON'T DALLY

Under the new financial scheme of things FMRC membership dues are payable on an annual basis. The time has arrived. Regular members can square things by sending six dollars to W3VCE. The associate membership fee is two dollars. Please get your 1960 dues in as soon as possible, if not before. It's not that we need the money, but it does simplify bookkeeping.

.....

COME OUT AND
VOTE

ED TO RETIRE

W3QV has been getting his newly acquired Apache transmitter tuned up on the LF bands with monitoring assistance from W3CW and W3DSG. Brad is going to use the rig mainly for 80 meter CW - will continue to use his old rock crusher on Channel 1...W3JRH is thinking of getting a tower...W3PKY, renowned lecturer, is going to show his slides on trip to Thule to West Philly club...If W3NIP is late calling into 10-on-10 it's because he has to wait until he is at least two blocks from church. Otherwise, Chuck finds himself communicating with the Lord via HOI (Hammond Organ Interference)...W3AWH has been working in Boy Scout activities lately...W3VXN gave ED a welcome assist in the sale of an enlarger which was advertised in the Blurb...Anne and Barry, K3JQC and K3JQD, have raised the grade of their licenses to technician. Barry has been traveling with his dad to midmonth meetings recently...G5TU checked in on the net - caused almost as big a scramble as Zs1AB...And speaking of DX on the frequency, Pixie worked a CT4, and W3OEC worked an HB9, on mobile...W3DOU has been on a visit to the homeland: That's TEXAS, son...As predicted in the Blurb six months ago, the Chrysler Valiant comes with an alternator electrical system as standard equipment. ED further predicts that if the price is right, this 12 volt 35 amp job will make a juicy conversion item. All we need is for somebody on the good side of a Chrysler dealer to get all the dope...W3SMA is now on 2 meters with ED's former gear...W3CHZ has been around town lately...W3YJM is mobile again...W3VCE called K6AJN via land line to check on dues. Joe almost collapsed until he found out Tom works for Mr. Bell and got the call for nuttin...The Lansdale Mardi Gras will be operated as a CD drill with no call prefixes used and no logs required...Coffee mugs are still available, but act fast...W3WNC is going to mail membership lists to new members. Ways of keeping the list up to date are being considered.

WE TRY TO PLEASE

In case you find any mistakes in this paper, please remember that they were put there for a purpose. We try to get something in the paper for everybody, and some people are always looking for mistakes.

Recently I became involved in a new project at at RCA which has required an increase of almost fifty percent in time devoted to the job. Since Uncle Dave Sarnoff is the one who shells out the engravings that go for living expenses and ham radio, when he says "Woik", we WOIK! In short, the job comes first. The overtime has dipped into several areas of my private life, not the least of which is time devoted to writing the Blurb.

For a while, the situation was at least tolerable, but recent additional demands for even more overtime work have made it impossible for me to continue as Editor of the Blurb. This decision was not reached without thoughtful consideration to the possibility of operating the Blurb with an Editorial Committee. However, I feel the committee approach to be a weak one, first because of the necessarily short time interval between midmonth meetings, at which over two thirds of the news is obtained, and the publication deadline is too short for effective coalition of news and events reporting by a committee. It usually boils down to one or two days a month when the paper must be written -- events change too rapidly to be written more than a week in advance of this short period and I may not have time available when the job must be done. Second, I have found far too often from past experience that it is easier to dig up material and write about it personally than it is to plead, beg, and cajol somebody else into doing it. Luckily, W3UMK has been a rare exception to this rule but so far the only one I have encountered. If you need a third reason why a committee is a dangerous solution to the problem, consider the old aphorism that "A Camel is a Horse that was designed by a committee."

I am sure that you understand my point of view. Writing the Blurb for the past year has been fun, but to continue under the present circumstances would not be fun and the whole point of my hobby would be lost. My resignation will become effective after completion of the January 1960 issue, allowing plenty of time for acquiring a new man for the job.



W3JIL - MAN OF THE HOUR



SOME OF THE GANG WHO SHOWED UP DURING THE EVENING



W3JIP-BLOWS OFF SOME EXCESS HOT AIR BETWEEN PROPOGANDA PITCHES

BLURB ART DEPARTMENT SCORES AGAIN

The pictures at left and on the front cover, were reproduced thru the efforts of W3YHV from negatives made by ED at the recent Almo Industrial Ham Show. A complete description of this affair was covered in last month's Blurb. Not shown in the group picture is W3CW who was collecting his prize from Almo of a 30 foot tower.

As if this weren't enough, YHV conned Sam Kunceovich into turning out the masterpiece on the banquet appearing elsewhere in this issue.

::::::::::::::::::

SPRINGFIELD PATROL

de W3PKY

Mischief nite, the boys turned out in the usual quantity and gave Chief Forester (7) more cars for a total of 15 to patrol Springfield Township. Each FMRC member was assigned an officer to ride around a specific area. Springfield is definitely going to pot since 1957 disgorged about 50 delinquents - 1958 about 6 and we thought we had it made, but 1959 produced about 50 again. So it appears the trend is reversing.

Some of the boys had little to do but W3KNC kept them all awake every 5 minutes. W3PKY practiced pushing and pulling all the switches in the Red Truck. W3DSG was net control. Anchor man, W3LWQ managed again to draw an officer who didn't know which way to go. Frank didn't get "Trackless Travers" for nothing. A lot of other fellows participated-thanks to all, mission well done.

::::::::::::::::::

W3SAA has finally moved into his stone and brick ranch house. He wanted to get his coax antenna up on the first day there but the XYL had one or two other chores planned. Tom says he is only about six blocks from W3PST as the crow (or ground wave) flies. He is going on day work again and expects to be around to future meetings... W3GIF is back in town after extended business trip to Va...The banquet at Washington is going to be a Hawlian Luau, with Polynesian entertainment - ~~man~~ boy. A bunch of the gang is going down so if you are interested, keep your ear to the channel... W3QCV has recovered from a virus attack. In fact, he was not very well when he officiated at the occasion honoring George Romney at the Franklin Institute, which event received photographic coverage in the newspaper, but he went thru with it anyway...W3NIP is having car trouble...W3WNC had lunch with W3DEJ at the Officer's Mess at the GM Depot and, Believe-It-Or-Not, DEJ picked up the tab...

The automobile designers are putting pressure on regulating agencies to allow exhaust pipe outlet location where it is most desirable. It seems that the design of the body has a very important bearing on the best location for maximum dispersal of exhaust fumes, and it is not necessarily at the rear of the car, regardless of popular conception...G3LNU was recently heard on 14.17 mc. and guess what: his name is Frank, and he was talking about being LOST. Does anyone know if that sport from Landover Road is traveling abroad?... W3LKI is donating the \$10 Telrex certificate he won at the banquet back to the club. If you plan to buy a beam costing over thirty bucks before the end of this year, sound out...W3OWK suggests that if your receiver is like his, you better switch back and forth to various bands occasionally. His stayed on 10 meters so long the switch springs gave him a hard time...Ed received a nice letter from 15 year old K1JKB who read the balloon article in QST and requested a sample QSL...Legal Beagles ADF and AWH have been heard on the frequency discussing old cronies and legal ethics... W3AJ0 has his 20 meter dipole re-installed...

10-on-10 ROUND-UP

On Sunday, November 22, 1959, W3QQH parked the Comm Truck at W3YJM's QTH and operated for two hours to log 112 stations during the on-the-air celebration of our Tenth Anniversary. Stations called in from all over the local area plus various sections of the US, Canada and England. Some of the boys made contact both from their home QTH and mobile. A few two meter contacts were handled from the truck by YJM. W3YHV is going to get a special QSL made up to mark the event.

1959 BANQUET

If there ever was a successful FMRC banquet, the Tenth Anniversary affair was it. What at first appeared to be a dark cloud of chaos on our horizon of an evening's enjoyment turned out to be a blessing in disguise. Thru a series of misunderstandings we were left with what was presumed to be an undesirebly small

banquet room. However, as the events of the night unfolded we discovered that this very compactness was responsible for a height of friendliness and congeniality never before enjoyed at our banquets. After much socializing, the dinner, whose quality left something to be desired, got under way with periodic announcements via an overgrown phone oscillator connected to the PA microphone and individual transistor portable radios located at each table.

After dinner four charter members, K4ISC, W3AAG, W3PAY and W3QQH, were introduced to the group. The guest speaker was Eleanor Hammonds, W3BIW, who gave a few sidelights on ham radio operating from a YL's viewpoint. Following the Outstanding Member Award to W3WNC (see below) the tables were cleared and drawing for prizes were started. As suggested by ED's YL, most of the ladies prizes were roughly the same value rather than having one big prize and several inexpensive ones. This obviated the disadvantage of the winner of the first prize getting something expensive that she didn't want, and also made available a large number of very nice selections made by the gals on the Banquet Committee. To improve matters even further, lucky numbers were drawn in order, with the winners taking their choice of articles in the same order. In the case of the men's prizes, which were awarded in the same manner, the choice was very difficult, if you were to judge by the long line of procrastinators that formed around the prize table. One of the exceptions was W3WUX who won first and quickly picked the Matchmaster donated by B&W. There were a lot of other nice items for the men, including a Heathkit power meters, a Heathkit FM tuner, 2 meter Keco ground plane antenna, plenty of books and manuals, relays, tubes, condensers, and crystals.

Prize drawing was followed up with excellent music from the five piece W3RCE crew who can play all tempos, all well. The party slowly started to break up, and by midnight the place was quiet again. Too bad if you did not make it, there is always next year. ED didn't get credits for Banquet committee work in time for this issue and rather than

ASK YOUR BARTENDER FOR THIS NEW DRINK CONCOCTION-
VODKA AND CARROT JUICE.

YOU STILL GET DRUNK BUT YOU SEE BETTER!



NOV, 7TH - TICKETS \$ 5 EACH

PRIZES

RCE and 5 PIECE BAND
for DANCING?



THAT TIME IS HERE AGAIN!!
Merry Christmas and
a Happy New Year



leave someone out, we'll hold off until the complete list is received (if ever).

W3WNC OUTSTANDING MEMBER FOR 1959

Anticipation rose as W3PKX began his presentation of the Phil-Mont Outstanding Member Award. But it wasn't hard to guess who would get the award this year - it was our old faithful publisher, W3WNC. And it also is not hard to guess why Hy made top billing: All you have to do is listen on the channel any morning or evening and you will hear him helping somebody with information, or an offer to come out to the QTH, or a offer to take care of some club business that nobody else wants to bother with, or explaining club operation to a DX station, or doing anything that is necessary to promote the club. His way with an auction this year, and years past, has helped the treasury get where it is. And then there is the Blurh, in which the Hecht family takes great pride publishing every month, often within very narrow time limits.

It wasn't just one of these factors that made Hy our outstanding member, it was the combination of all of them. In other words, Hy is an all-around member of the highest order, and couldn't deserve the award any more no matter how hard he tries (but he will try - that's for sure!)

AREC, RACES AND YOU

by W3JMK and W3ZNV

Regardless of how near or remote you find yourself in regard to County emergency communications, you have probably seen at least some of the gradual changes which have and are taking place in this public service. In this short space, we will try to review some of the history and explain something of the present status of local participation. The article is written in the hope that you will be better informed and, if in presenting it, we lead you to the conclusion that we have a program worthy of anything you can contribute, we will be all the more happy.

The first Montgomery County amateur emergency communications group was formed some years ago by George Hengen, W3CNO, when he and others recognized the need for such a facility. During this early period, he organized the Montgomery County Net and affiliated it with

ARRL's Amateur Radio Emergency Corps (AREC). Later, with the formation of a County Civil Defense organization, AREC offered its services to this group. As time went on and policies took shape, W3CNO found himself involved in pioneering the Radio Amateur Civil Emergency Service (RACES). This organization was and is expressly designed to offer radio communications to CD in time of war when either services, under COMERAD, have to leave the air, or at such time as directed by county or local CD Directors.

In 1957, the AREC function was turned over to Gene Pressler, W3ZNV, the present Emergency Coordinator. W3CNO, in the meantime, concentrated on the establishment of a RACES plan and the equipping of various CD communications centers throughout the County. AREC expanded and went its way in establishing a cooperative program with the Disaster Committee of the Central Montgomery County Branch of the Red Cross.

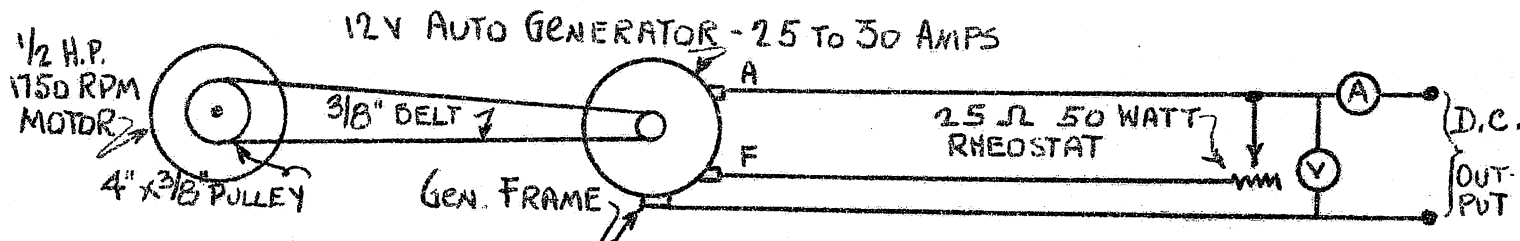
As a result, Montgomery County now has two separate and distinct emergency communications groups - working in close coordination with, and complementing each other to provide the County with emergency communications facilities. The current objective of the RACES program, which is now headed by Dick Berens, W3JMK, is to develop increased potential for local communications using two-meter frequencies and equipment for within municipality and within zone operations. (As many of you know, the RACES Zone stations are linked with County CD Headquarters by county-owned six meter FM equipment procured and installed during W3CNO's tenure as RACES Radio Officer). In Civil Defense communications plans, RACES radio facilities are considered the primary alternate to the "landline".

In the absence of war threat, AREC is the amateur service specifically set up to render aid in any sort of natural emergency. In addition, they do not need to wait for activation orders from any other group before they go into action. The local AREC organization is committed first to assisting Red Cross in an emergency although they could also cooperate with other agencies depending upon the nature of the emergency. These, then, are the principal distinctions between the two services. Many points in

PHILMONT TEK-NI-GRAM DECEMBER 1959

CONTRIBUTED BY W3WNC

ALL OF US HAMs AT ONE TIME OR ANOTHER HAVE FELT THE NEED OF A D.C. SUPPLY ADJUSTABLE FROM 0-30 VOLTS & WITH A CAPACITY OF ABOUT 20 AMP. — WELL HERE IT IS —



WITH THE ARRANGEMENT SHOWN THE OUTPUT VOLTAGE MAY BE VARIED FROM 0 TO ABOUT 30 VOLTS BY ADJUSTING THE 25 Ω 50 WATT RHEOSTAT. THREE MOST OBVIOUS USES THAT COME TO MIND ARE:

1. RAPID CHARGING OF BATTERIES IN OR OUT OF CAR.
2. TESTING MOBILE EQUIPMENT INCLUDING POWER SUPPLY.
3. SUSTAINED OPERATION OF MOBILE EQUIP WITHOUT ENGINE RUNNING.

TEK-NI-GRAM INDEX 1958-59

58

JAN -
 FEB - 100 WATT VIBRATOR PWR SUPPLY
 OPERATING INFO ON PE-101
 MAR - 30 WATT TRANSISTOR MODULATOR
 50 WATT " POWER SUPPLY
 APR - "TNS" - MAKING IT WORK
 MAY - INDUCTIVE SUPPRESSORS
 MOTOR NOISE REDUCTION
 JUNE - W3QV's "PHILMONT"
 MOBILE - TRANS - RECEIVER
 JULY - TRANSISTOR PWR SUPPLY
 NEG. OR POS. GROUND
 AUG - PARALLELING TRANSISTORS FOR
 HIGHER CLASS "B" OUTPUT - MODULATORS
 SEPT - XTAL SHIFTING BY CAP. SHUNTS
 OCT -
 NOV - SOME MOBILE ANTENNA TESTS
 DEC - MOBILE "VOX" AND TRANSISTORIZED
 XTAL CALIBRATOR

59

JAN -
 FEB - MOBILE CONVERTOR FOR TRANSISTOR
 CAR RADIOS
 MAR - TRANSISTORIZED "VOX" FOR MOBILE
 MOBILE LOW PASS FILTER
 APR - REPORT ON "HEATH" TRANSISTOR
 POWER SUPPLY
 MAY - MODERN TUBE "IF" STRIP FOR
 MOBILE
 JUNE - COMBINATION TRANSISTOR MODULATOR
 AND POWER SUPPLY
 JULY - MOBILE ANTENNA IMPEDANCES - GAX
 FEED LINE LENGTHS & Pi-NET DATA
 AUG - FIXED STA. SIMPLE GROUND PLANE
 DESIGN - 70 TO 300 Ω BALUN
 SEPT - LOW IMPEDANCE REMOTE CONTROL
 OCT - NOTES ON INSTALLATION OF MOBILE GEAR.
 NOV - BUSH TO TALK USING D.C. RELAYS
 F3 HANDSET WIRING
 DEC - VARIABLE DC SUPPLY FROM
 AUTO GENERATOR.

THANKS TO ALL CONTRIBUTORS THAT HAVE MADE THE ABOVE.
 HELP FOR 1960 WILL BE APPRECIATED - ASK ME FOR A MASTER AND
 CONTRIBUTE JUST ONE - 73 "Tex" W3DOU

their respective programs are similar. Differences, where they occur are necessary to provide the type of communications desired by the organization being served. A key requirement of the RACES program for instance, is that operators be enrolled in the local Civil Defense organization.

As you can see, there is a clear need for both AREC and RACES programs. Under existing policy and law affecting the agencies with whom we work, neither organization is capable of performing both jobs. The only way we can make maximum use of available manpower is to hope for equal cooperation in both programs. Montgomery County has been fortunate in having the quality of amateur it has for it is with your help that we have developed and will further our ability to serve.

The history of Montgomery County amateur communications is marked by numerous examples of outstanding public service - Hurricane Hazel - the floods along the Delaware - Hurricane Diane - the snowstorm of March 1958. Perhaps more important, however, is the unspectacular devotion of those who regularly monitor the frequency and check in whenever possible to the weekly AREC and Twice-a-month RACES Drills. This is the backbone and strength of any organization dedicated to being on the alert to the need for emergency communications wherever and whenever it may arise.

SWAP AND SHOP

WANTED: B&W Sideband Transmitter Adaptor W3PKY
FOR SALE:

Hallicrafters S-40 Receiver. 55-42 mc. General coverage plus electrical
bandspread. Good second receiver. Top condition. \$50 W3QZ0
Williamson Amplifier: 10 watts clean output from P-P 807. Custom output
transformer. Separate 425 volt power supply. Amplifier employs terminal
board construction. \$25 W3QZ0

"THE BLURB"

A Phil-Mont Mobile Radio
Club Publication
2242 Cambridge Road, Broomall, Pa.
December 1959

RETURN POSTAGE GUARANTEED PA.



TIME VALUE

MEETING NOTICE

C. R. Spencer W3QCH
124 Central Ave.
North Hills Pa. R